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Title of Invention: THIN AND HEAT RADIANT
SEMICONDUCTOR PACKAGE AND
METHOD FOR MANUFACTURING

First Named Inventor: Jae Ku

Domestic/Foreign Application: Domestic Application

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Title of Invention	THIN AND HEAT RADIANT SEMICONDUCTOR PACKAGE AND METHOD FOR MANUFACTURING						
Application Number: 10/665651 *10/665651*							
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First Named Applicant: Jae Hun Ku							
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<p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>init</th> <th>Cite.No.</th> <th>Patent No.</th> <th>Date</th> <th>Patentee</th> <th>Kind</th> <th>Class</th> <th>Subclass</th> </tr> </thead> <tbody> <tr><td></td><td>1</td><td>5640047</td><td>1997-06-17</td><td>NAKASHIMA</td><td></td><td></td><td></td></tr> <tr><td></td><td>2</td><td>5641997</td><td>1997-06-24</td><td>OHTA ET AL.</td><td></td><td></td><td></td></tr> <tr><td></td><td>3</td><td>5643433</td><td>1997-07-01</td><td>FUKASE ET AL.</td><td></td><td></td><td></td></tr> <tr><td></td><td>4</td><td>5644169</td><td>1997-07-01</td><td>CHUN</td><td></td><td></td><td></td></tr> <tr><td></td><td>5</td><td>5646831</td><td>1997-07-08</td><td>MANTEGHI</td><td></td><td></td><td></td></tr> <tr><td></td><td>6</td><td>5650663</td><td>1997-07-22</td><td>PARTHASARANTHI</td><td></td><td></td><td></td></tr> <tr><td></td><td>7</td><td>5661088</td><td>1997-08-26</td><td>TESSIER ET AL.</td><td></td><td></td><td></td></tr> <tr><td></td><td>8</td><td>5665996</td><td>1997-09-09</td><td>WILLIAMS ET AL.</td><td></td><td></td><td></td></tr> <tr><td></td><td>9</td><td>5673479</td><td>1997-10-07</td><td>HAWTHORNE</td><td></td><td></td><td></td></tr> <tr><td></td><td>10</td><td>5683806</td><td>1997-11-04</td><td>SAKUMOTO ET AL.</td><td></td><td></td><td></td></tr> <tr><td></td><td>11</td><td>5689135</td><td>1997-11-18</td><td>BALL</td><td></td><td></td><td></td></tr> </tbody> </table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5640047	1997-06-17	NAKASHIMA					2	5641997	1997-06-24	OHTA ET AL.					3	5643433	1997-07-01	FUKASE ET AL.					4	5644169	1997-07-01	CHUN					5	5646831	1997-07-08	MANTEGHI					6	5650663	1997-07-22	PARTHASARANTHI					7	5661088	1997-08-26	TESSIER ET AL.					8	5665996	1997-09-09	WILLIAMS ET AL.					9	5673479	1997-10-07	HAWTHORNE					10	5683806	1997-11-04	SAKUMOTO ET AL.					11	5689135	1997-11-18	BALL			
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	13	5701034	1997-12-23	MARRS
	14	5703407	1997-12-30	HORI
	15	5710064	1998-01-20	SONG ET AL.
	16	5723899	1998-03-03	SHIN
	17	5724233	1998-03-03	HONDA ET AL.
	18	5736432	1998-04-07	MACKESSY
	19	5745984	1998-05-05	COLE, JR. ET AL.
	20	5753532	1998-05-19	SIM
	21	5753977	1998-05-19	KUSAKA ET AL.
	22	5766972	1998-06-16	TAKAHASHI ET AL.
	23	5770888	1998-06-23	SONG ET AL.
	24	5776798	1998-07-07	QUAN ET AL.
	25	5783861	1998-07-21	SON
	26	5801440	1998-09-01	CHU ET AL.
	27	5814877	1998-09-29	DIFFENDERFER ET AL.
	28	5814881	1998-09-29	ALAGARATNAM ET AL.
	29	5814883	1998-09-29	SAWAI ET AL.
	30	5814884	1998-09-29	DAVIS ET AL.
	31	5817540	1998-10-06	WARK
	32	5818105	1998-10-06	KOUDA
	33	5821457	1998-10-13	MOSLEY ET AL.
	34	5821615	1998-10-13	LEE
	35	5834830	1998-11-10	CHO
	36	5835988	1998-11-10	ISHII
	37	5844306	1998-12-01	FUJITA ET AL.
	38	5856911	1999-01-05	RILEY
	39	5859471	1999-01-12	KURASHI ET AL.
	40	5866939	1999-02-02	SHIN ET AL.
	41	5871782	1999-02-16	CHOI
	42	5874784	1999-02-23	AOKI ET AL.
	43	5877043	1999-03-02	ALCOE ET AL.
	44	5886397	1999-03-23	EWER
	45	5886398	1999-03-23	LOW ET AL.
	46	5894108	1999-04-13	MOSTAFAZADEH ET AL.
	47	5897339	1999-04-27	SONG ET AL.

	48	5900676	1999-05-04	KWEON ET AL.
	49	5903049	1999-05-11	MORI
	50	5903050	1999-05-11	THURAIRAJARATNAM ET AL.

Signature

Examiner Name	Date